

**WHAT IS CLAIMED IS:**

1. A cassette, comprising:
  - a box member adapted to house a sheet-shaped image medium therein, the box member being provided with an opening through which the medium can be fed into and out of the box member along a first direction;
  - an access member attached to the box member and movable about an axis substantially perpendicular to the first direction between a first position wherein the access member is disposed in the opening and a second position wherein the access member is not disposed in the opening; and
  - a transport member disposed within the box member and translatable within the box member in the first direction to move the medium into and out of the box member through the opening when the access member is in the second position.
2. The cassette according to Claim 1 wherein the image medium is a stimulable storage phosphor sheet.
3. The cassette according to Claim 1 wherein the transport member has a substantially planar surface and the medium has a surface, and the surface of the transport member contacts the surface of the medium when the transport member is moving the medium into and out of the box member.
4. The cassette according to Claim 3 wherein the planar surface of the transport member is comprised of neoprene.
5. The cassette according to Claim 1 wherein the transport member has a substantially planar surface and the medium has a surface, and the surface of the medium slides relative to the planar surface of the transport member.

6. The cassette according to Claim 1 wherein the transport member has a substantially planar surface and the medium has a surface, and a frictional force between the surfaces of the transport member and medium promotes translation of the medium into and out of the box member.

7. The cassette according to Claim 1 wherein the unlatching of the access member, the movement of the access member, and the movement of the transport member is actuated by a single operation.

8. The cassette according to Claim 1 further comprising an assist mechanism biased in the first direction to promote translation of the transport member.

9. The cassette according to Claim 1 wherein the transport member translates a distance from about 2 inches (50.8 mm) to about 5 inches (127 mm).

10. The cassette according to Claim 1 further comprising a guide, which contacts the transport member when the access member is disposed in the second position.

11. The cassette according to Claim 10 further wherein the guide is comprised of a material which promotes the control of electrostatic charging.

12. The cassette according to Claim 10 further comprising a spring biasing the access member in the first position.